

>BD170396 ACCESSION:BD170396 NID: gi 27876208 dbj BD170396.1 Novel  
G protein-coupled receptor protein and DNA thereof  
Length = 1647

Score = 1125 bits (2878), Expect = 0.0  
Identities = 549/549 (100%), Positives = 549/549 (100%)  
Frame = +1

Query: 1 MATPRGLGALLLLLLPTSGQEKPTEGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD 60  
MATPRGLGALLLLLLPTSGQEKPTEGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD  
Sbjct: 1 MATPRGLGALLLLLLPTSGQEKPTEGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD 180  
  
Query: 61 SCNVENLQRYWLNYEAHLMKEGLTQKVNTPFLKALVQNLSTNTAEDFYFSLEPSQVPRQV 120  
SCNVENLQRYWLNYEAHLMKEGLTQKVNTPFLKALVQNLSTNTAEDFYFSLEPSQVPRQV  
Sbjct: 181 SCNVENLQRYWLNYEAHLMKEGLTQKVNTPFLKALVQNLSTNTAEDFYFSLEPSQVPRQV 360  
  
Query: 121 MKDEDKPPDRVRLPKSLFRSLPGNRSVVRЛАVTILDIGPGTLFKGPRLGLGDGSGVЛNNR 180  
MKDEDKPPDRVRLPKSLFRSLPGNRSVVRЛАVTILDIGPGTLFKGPRLGLGDGSGVЛNNR  
Sbjct: 361 MKDEDKPPDRVRLPKSLFRSLPGNRSVVRЛАVTILDIGPGTLFKGPRLGLGDGSGVЛNNR 540  
  
Query: 181 LVGLSVGQMHTKLAEPLEIVFSHQРРРНМТЛTCVFWDVTKGTTGDWSSEGCSTEVRPE 240  
LVGLSVGQMHTKLAEPLEIVFSHQРРРНМТЛTCVFWDVTKGTTGDWSSEGCSTEVRPE  
Sbjct: 541 LVGLSVGQMHTKLAEPLEIVFSHQРРРНМТЛTCVFWDVTKGTTGDWSSEGCSTEVRPE 720  
  
Query: 241 GTVCCCDHLTFALLRPTLDQSTVHILTRISQAGCVSMIFLAFTIILYAFRLRSRERF 300  
GTВCCCDHLTFALLRPTLDQSTVHILTRISQAGCVSMIFLAFTIILYAFRLRSRERF  
Sbjct: 721 GTVCCCDHLTFALLRPTLDQSTVHILTRISQAGCVSMIFLAFTIILYAFRLRSRERF 900  
  
Query: 301 KSEDAPKIHVALGGSLFLLNLAFLNVVGSGSKGSDAACWARGAVFHYFLLCAFTWMGLEA 360  
KSEDAPKIHVALGGSLFLLNLAFLNVVGSGSKGSDAACWARGAVFHYFLLCAFTWMGLEA  
Sbjct: 901 KSEDAPKIHVALGGSLFLLNLAFLNVVGSGSKGSDAACWARGAVFHYFLLCAFTWMGLEA 1080  
  
Query: 361 FHYLLAVRVFNTYFGHYFLKLSLGVWGLPALMVIGTGSANSYGLYTIRDRENRTSLELC 420  
FHYLLAVRVFNTYFGHYFLKLSLGVWGLPALMVIGTGSANSYGLYTIRDRENRTSLELC  
Sbjct: 1081 FHYLLAVRVFNTYFGHYFLKLSLGVWGLPALMVIGTGSANSYGLYTIRDRENRTSLELC 1260  
  
Query: 421 WFREGTTMYALYITVHGΥFLITFLFGMVVLALVVWKFITLSRATAVKERGKNRKVLTL 480  
WFREGTTMYALYITVHGΥFLITFLFGMVVLALVVWKFITLSRATAVKERGKNRKVLTL  
Sbjct: 1261 WFREGTTMYALYITVHGΥFLITFLFGMVVLALVVWKFITLSRATAVKERGKNRKVLTL 1440  
  
Query: 481 GLSSLVGVWGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPSQSTTVSSSTARL 540  
GLSSLVGVWGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPSQSTTVSSSTARL  
Sbjct: 1441 GLSSLVGVWGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPSQSTTVSSSTARL 1620  
  
Query: 541 DQAHSASQE 549  
DQAHSASQE  
Sbjct: 1621 DQAHSASQE 1647



721 gggaccgtgt gctgctgtga ccacctgacc ttttcgccc tgctcctgag acccaccttg  
781 gaccagtcca cggtgcataat cctcacacgc atctcccagg cgggctgtgg ggtctccatg  
841 atcttcctgg ccttccccat tattctttat gccttctga ggcttcccg ggagagggttc  
901 aagtcaagaat atgccccaaa gatccacgtg gccctgggtg gcagcctgtt cctcctgaat  
961 ctggccttct tggtaaatgt ggggagtgcc tcaaagggtt ctgatgctgc ctgctgggcc  
1021 cggggggctg tcttcacta cttcctgctc tgtgccttca cctggatggg cttgaagcc  
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1201 aacagctacg gcctctacac catccgtat agggagaacc gcacccctct ggagctatgc  
1261 tggtaatgt aagggacaac catgtacgccc ctctatataca ccgtccacgg ctacttcctc  
1321 atcacccctcc tcttggcat ggtggcctg gccctgggtt tctggaaatgt cttcaccctg  
1381 tccctgtcta cagcggtaa ggagcggggg aagaaccggg aagaagggtgtt caccctgt  
1441 ggcctctcga gcctgggtgg tgtgacatgg gggttggcca tttcaccccc gttggccctc  
1501 tccaccgtct acatctttgc actttcaac tccttgcaag gtgtcttcat ctgctgtgg  
1561 ttaccatcc tttacccccc aagtcaagggc accacagtct ctcctctac tgcaagattg  
1621 gaccaggccc actccgcatac tcaagaa

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